CLARITY, a Division of Plantronics, Inc.

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PRINTED IN CHINA

AlertMaster™ AL10™

Visual Alert System

User Guide

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Rev. E (07-10)

Important Safety Instructions

When using your Clarity AL10, basic safety precautions should always be followed to reduce the risk of fire, electric shock and persons including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Do not use this product near a bathtub, wash basin, kitchen sink or laundry tub, in a wet basement, near a swimming pool or anywhere else there is water.160
4. Avoid using a telephone (other than a cordless type) during a storm. There may be a remote risk of electrical shock from lightning.
5. Do not use a telephone to report a gas leak in the vicinity of the leak.
6. Unplug this product from the wall outlets before cleaning. Do not use liquid cleaners or aerosol cleaners on the product. Use a damp cloth for cleaning.
7. Place this product on a stable surface. Serious damage and/or injury may result if the product falls.
8. Do not cover the slots and openings on this product. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
9. Operate this product using the electrical voltage as stated on the base unit or the owner's manual. If you are not sure of the voltage in your home, consult your dealer or local power company.
10. Do not place anything on the power cord. Install the product where no one will step or trip on the cord.
11. Do not overload wall outlets or extension cords as this can increase the risk of fire or electrical shock.
12. Never push any objects through the slots in the product. They can touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock. Never spill liquid of any kind on the product.
13. To reduce the risk of electrical shock, do not take this product apart. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the

Important Safety Instructions

appliance is subsequently used.
14. Unplug this product from the wall outlets and refer servicing to the manufacturer under the following conditions:
   A. When the power supply cord or plug is frayed or damaged.
   B. If liquid has been spilled into the product.
   C. If the product has been exposed to rain or water.
   D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment may require extensive work by a qualified technician to restore the telephone to normal operation.
   E. If the product has been dropped or the case has been damaged.
   F. If the product exhibits a distinct change in performance.
15. Never install telephone wiring during a lightning storm.
16. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
17. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
18. Use caution when installing or modifying telephone lines.
19. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
20. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
21. The battery shall not be exposed to excessive heat, such as sunshine, fire or the like.
22. The MAINS plug is used as the disconnect device, which shall remain readily operable.

ADDITIONAL SAFETY NOTES FOR CANADIAN USERS

The following items are included as part of the CS-03 Requirements. The standard connecting arrangement for the equipment is CA11A. This product meets the applicable Industry Canada technical specifications.

NOTE: The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective operational and safety requirements. The Department does not guarantee that the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Warning: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate. The Ringer Equivalent Number is an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalent Number of all the devices not exceed five.

Important Safety Instructions

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

The lightning flash with arrowhead symbol inside an equilateral triangle is intended to alert User that the presence of uninsulated "hazardous voltage" within the product's enclosure, which may be of sufficient magnitude to induce a risk of electric shock to persons.

The exclamation mark inside an equilateral triangle is intended to alert the User of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

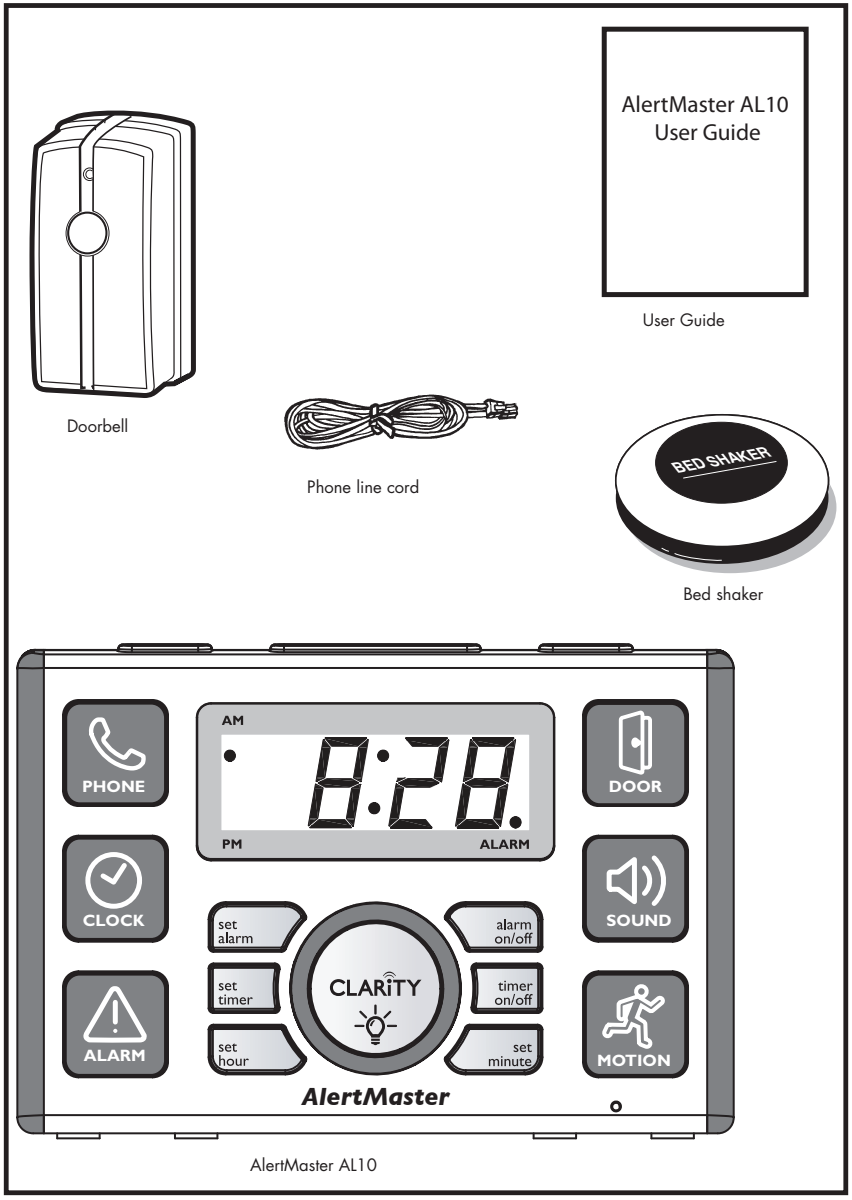
This symbol means that the unit is double insulated. An earth or ground connection is not required.

SAVE THESE INSTRUCTIONS

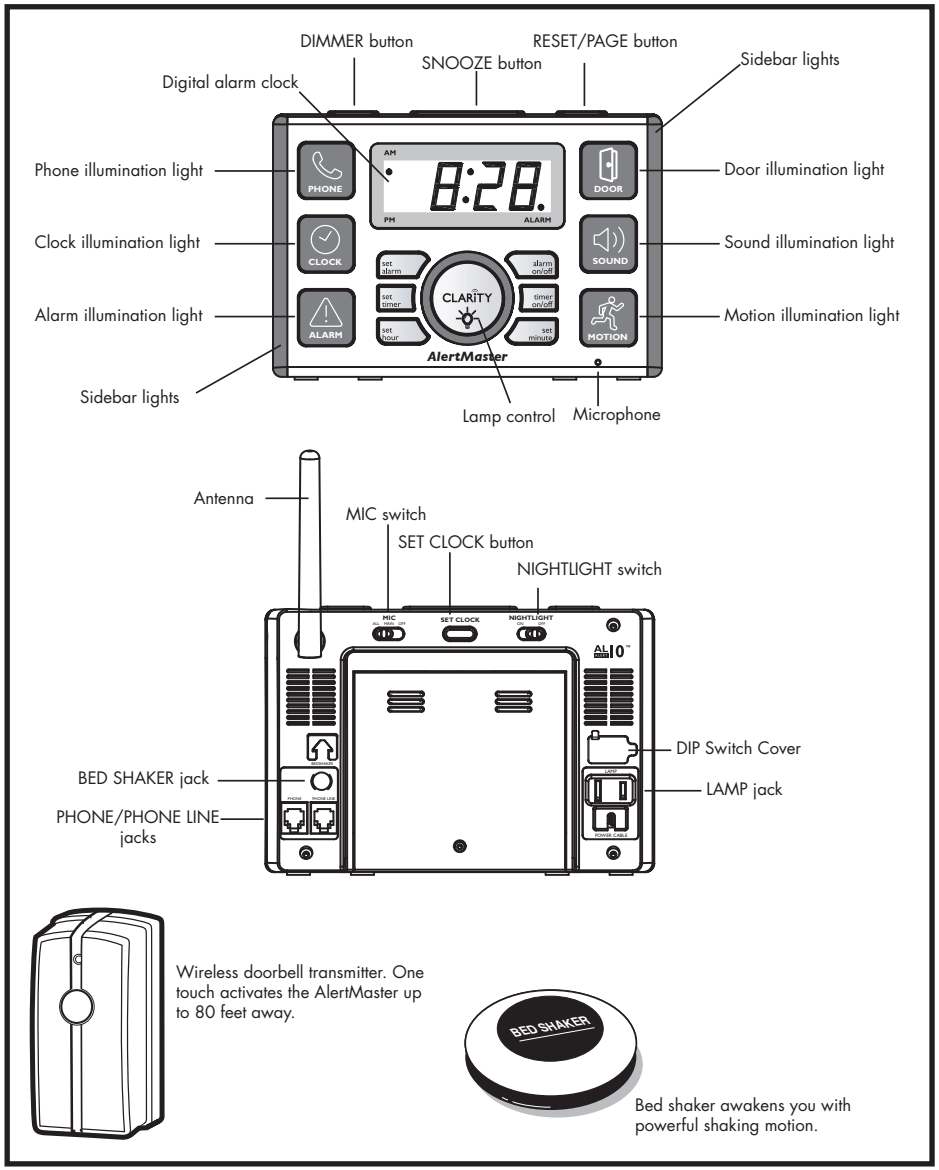
Package Checklist

Your package includes all the items as shown here. If there is anything missing, please contact our Customer Care Department immediately.

NOTE: PLEASE RETAIN A COPY OF PROOF OF PURCHASE FOR YOUR RECORDS.



Features Identification

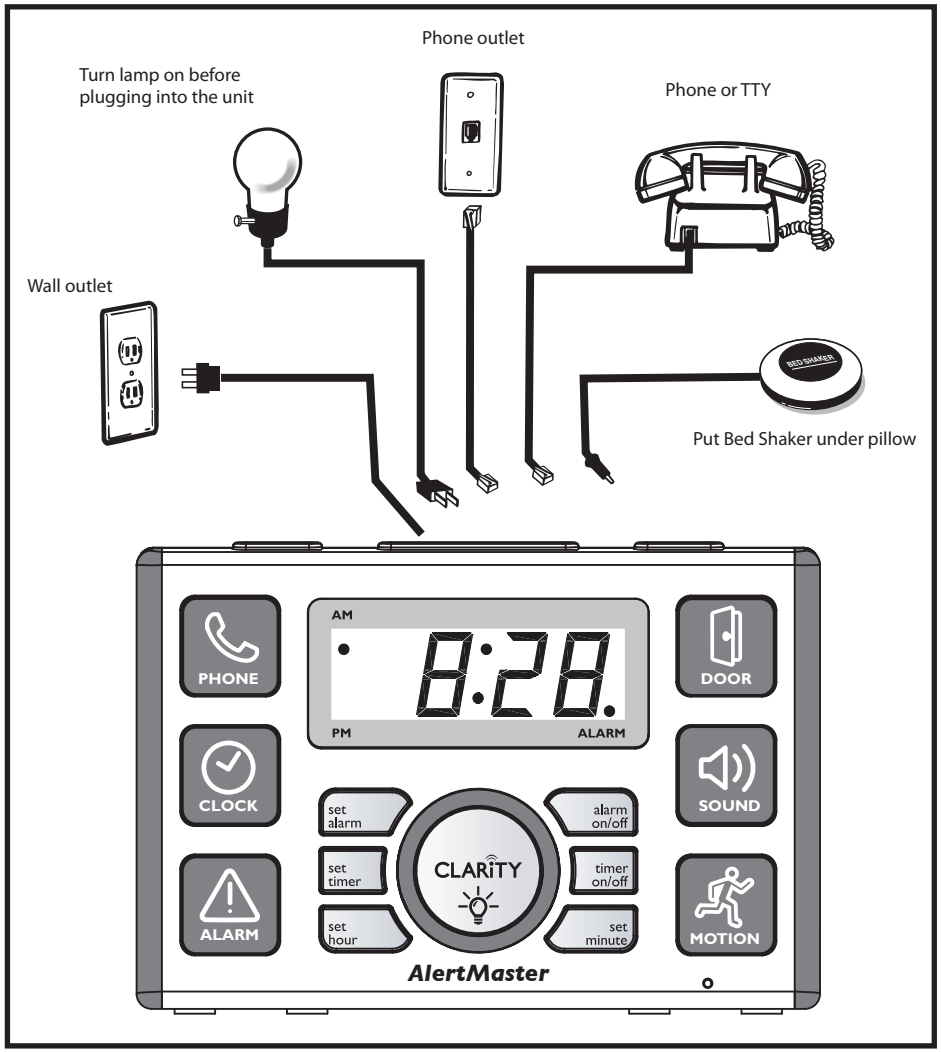


ENGLISH

Installation and Set-Up

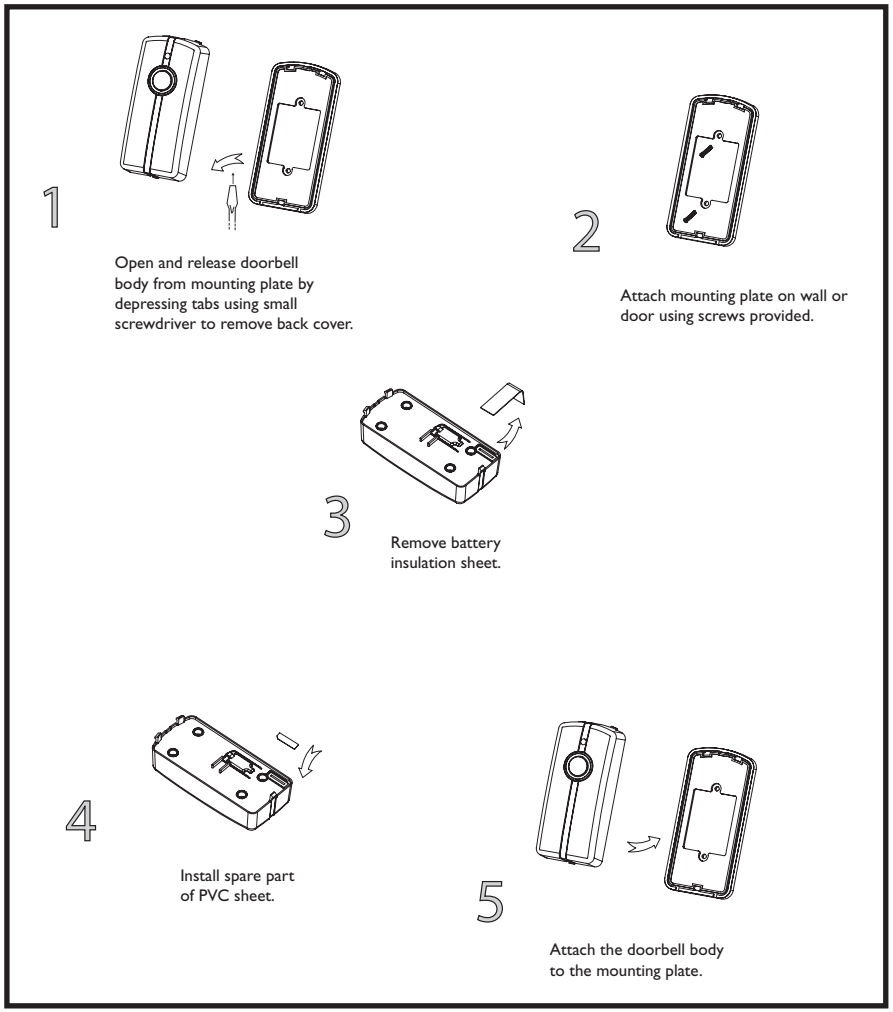
An ideal location for setting up the base unit is in the bedroom. Do not put any of the AL10 components on or next to metal surfaces, computers, television, microwaves, or other areas with electronic equipment that can cause interference to the wireless system.

A. Base Unit



Installation and Set-Up

B. Doorbell


1
Open and release doorbell body from mounting plate by depressing tabs using small screwdriver to remove back cover.
2
Attach mounting plate on wall or door using screws provided.
3
Remove battery insulation sheet.
4
Install spare part of PVC sheet.
5
Attach the doorbell body to the mounting plate.

ENGLISH

Installation and Set-Up

C. Clock

1. Press the **SET CLOCK** (on the back of the unit) and the **SET HOUR** or **SET MINUTE** (both on the front of the unit) buttons simultaneously to change time setting.

2. Press the **SET ALARM** button (front of unit) to check the alarm setting.

3. Press **SET ALARM** and **SET HOUR** (or **SET MINUTE**) buttons simultaneously to change alarm clock setting.

4. Press **ALARM ON** / **OFF** button to turn alarm on or off. (A small red dot appears in the lower right corner of the clock screen when the alarm is active, e.g., when it is turned on.)

Operations

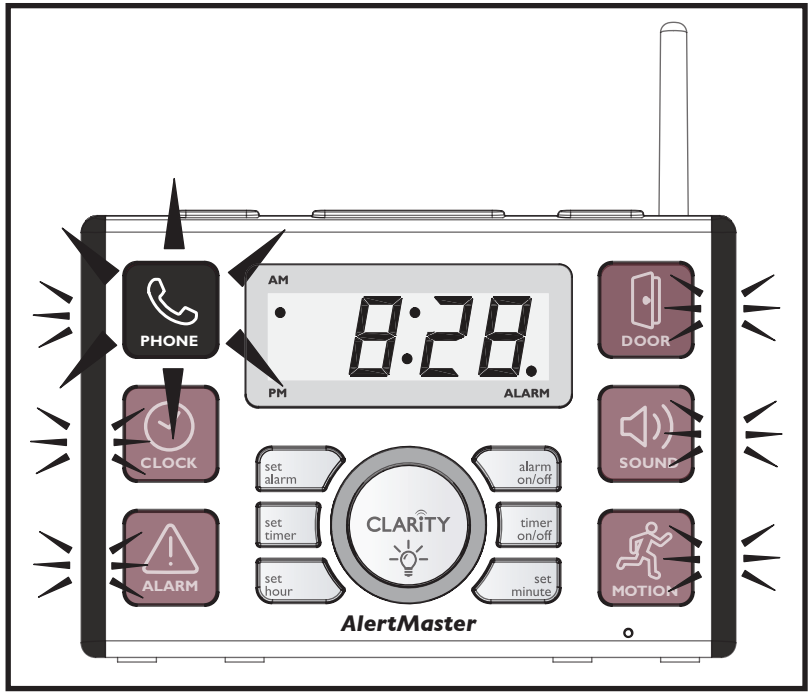
A. Monitoring Functions

The console has six indicator lights for each of the alerting functions of the AL10. Some functions require an optional accessory to be purchased.

Anytime the AL10 Notification System is activated by any function(s), the lamp and bed shaker will activate, then stop and reset after two minutes, or use the **RESET** / **PAGE** button on the top of the console to stop and reset it. The lamp flashes in different patterns for each function.

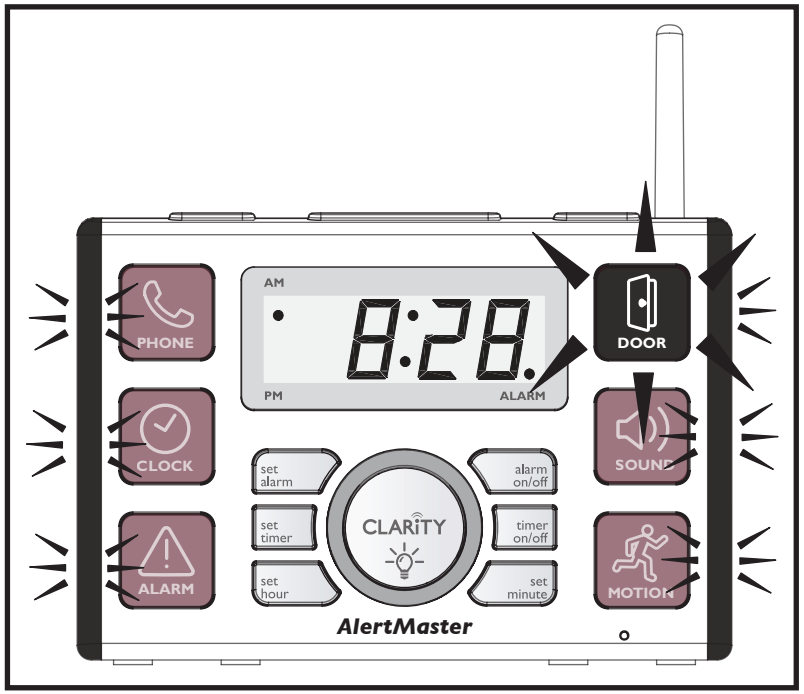
1. PHONE

The phone indicator light and sidebar lights illuminate when the phone is ringing. The lamp will turn on for two seconds, off for four seconds, on again for two seconds and repeat until two minutes have passed; the bed shaker will also vibrate while the lamp flashes. Answering the phone resets the Phone indicator and any other AL series systems in your home.



2. DOOR

The door indicator light and sidebar lights illuminate when the doorbell button is pressed. The lamp will turn on for five seconds, off for two seconds, on again for two seconds and repeat until two minutes have passed; the bed shaker will also vibrate while the lamp flashes. This function is also activated when a signal is received from the optional Door Announcer (Model AMDX).



3. CLOCK / PAGING

The clock indicator light and sidebar lights illuminate when the alarm clock is activated. The bed shaker will vibrate and the lamp will turn on for two seconds, off for one second, and repeat for one hour or until the **SNOOZE** button is pushed.

Alarm / Snooze

When the alarm clock activates, the bed shaker will vibrate and the lamp will flash for one hour, or until the **SNOOZE** or **RESET** / **PAGE** button is pushed. This stops the alarm clock and resets it for the same time on the next day.

The "SNOOZE" time on the alarm is nine minutes.

Paging

When the **RESET** / **PAGE** button is pressed for just a moment, it activates the base unit and any remote receivers or personal signalers that are within an 80-foot range. They activate for one two-minute cycle. This function is available only while the unit is in standby mode.

4. SOUND

a. ALL

Slide the **MIC** switch to the **ALL** position. The sound indicator light and sidebar lights illuminate when continuous sound is detected for 12 seconds or longer in the room by the built-in microphone. After another 10 second delay, the lamp will flash on for one second, off for one second, on again for one second and repeat until two minutes have passed; the bed shaker will also vibrate while the lamp flashes.

b. MAIN

The light indicates the presence of sound, but it will not trigger the lamp to begin flashing or any other indicator.

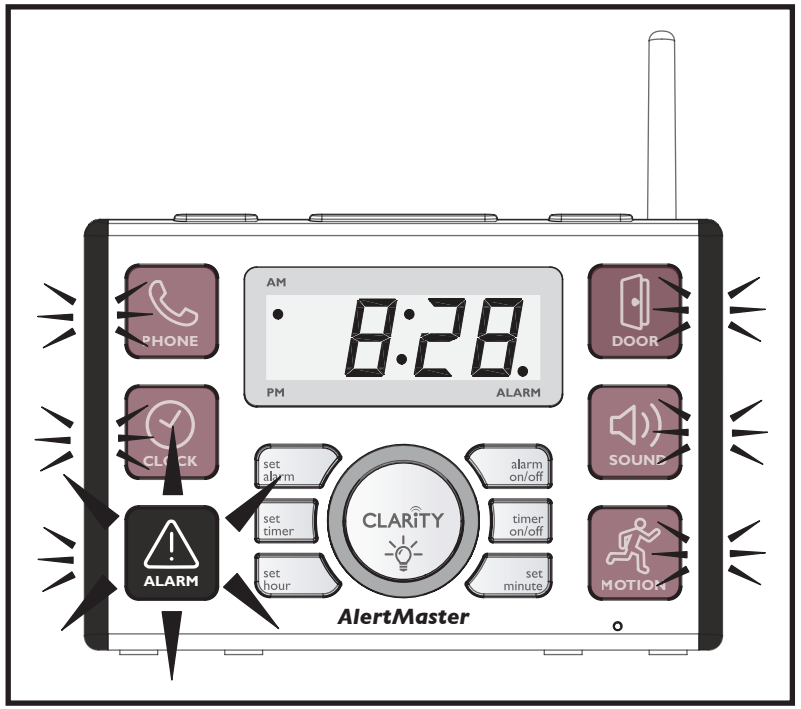
c. OFF

The sound indicator light and the monitoring function are disabled.

NOTE: The sound indicator light illumination function is also activated when a signal is received from the optional Baby Sound Monitor (AMBX). The position of the MIC switch is irrelevant – AMBX activates the sound indicator light regardless of the position of the MIC switch.

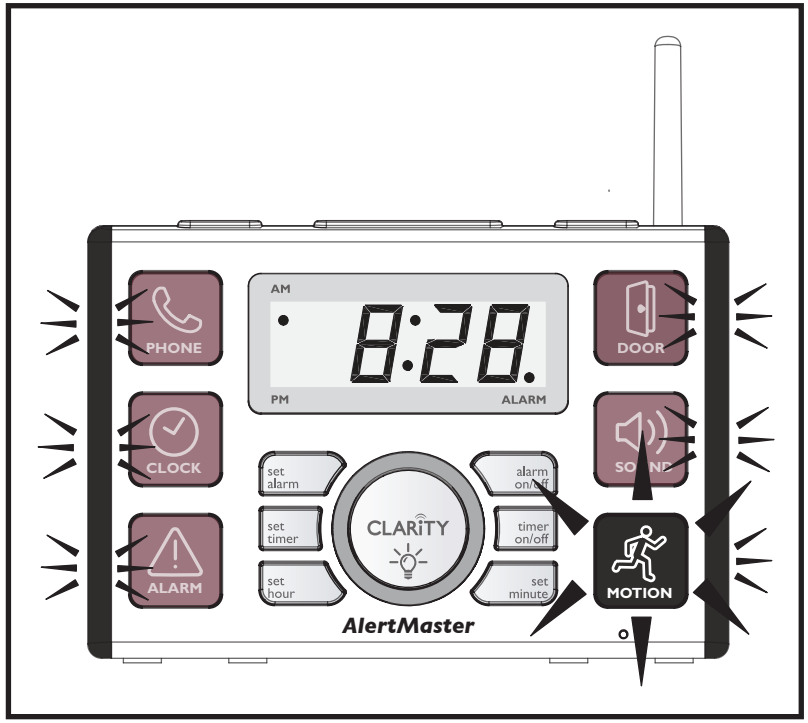
5. ALARM

You must purchase the optional Audio Alarm Transmitter (Model AMAX) from Clarity to use this function. When a signal is received from the Audio Alarm Transmitter, the indicator light illuminates, and the lamp will turn on for five seconds, off for two seconds, on again for two seconds and repeat until two minutes have passed; the bed shaker will also vibrate while the lamp flashes.



6. MOTION SENSOR LIGHT

You must purchase the optional Motion Sensor (Model AMSX) from Clarity to use this function. When a signal is received from the Motion Sensor, the indicator light illuminates, and the lamp will turn on for one second, off for one second and repeat until two minutes have passed; the bed shaker will also vibrate while the lamp flashes.



B. Master Reset

If you have several AlertMaster system components (such as the AL10, the AL11 or the AL12), you can save time by using the AL10 to reset all of them at once (master reset). To do this, press the **RESET** / **PAGE** button.

C. Notification Priority

If the AlertMaster system receives two notification signals at the same time, it will display the highest priority signal. For example, if it receives a Motion Sensor signal right after it receives a Phone signal, the indicator will change from PHONE to SENSOR. The priority for each notification signal is shown as follows:

1. Master Reset
2. Motion Sensor
3. Audio Alarm
4. Baby Sound
5. Room Sound
6. Phone
7. Door
8. Paging
9. Alarm Clock
10. Random (Security) Timer

D. Security Timer

With this feature, the lamp connected to your AlertMaster system will go on automatically every evening and turn off later in the evening. You can use this to make it look like someone is home. The light will turn on and off at slightly different times each evening so it is not so obvious that a timer is being used.

To activate this feature:

1. Press the **TIMER ON** / **OFF** button once. The lamp will automatically go on every evening at about 5 PM and turn off at about 11 PM. To confirm this setting, the clock will blink twice every five seconds.

    a. If you want the light to turn on at about 6 PM, press **SET TIMER** once for two seconds or more. To confirm this setting, the clock will blink three times every five seconds.
    b. If you want the light to turn on at about 7 PM, press **SET TIMER** twice for two seconds or more. To confirm this setting, the clock will blink four times every five seconds.

c. To return to 5 PM activation, press the **SET TIMER** button once for two seconds or more. To confirm this setting, the clock will blink twice every five seconds.

d. If you are home and want to turn off the **SET TIMER** for the evening, press **LAMP CONTROL** for more than two seconds. The timer will resume normal operation the next evening.

2. To turn off the **SECURITY TIMER**, press **TIMER ON / OFF** once.

E. Nightlight

Slide the **NIGHTLIGHT** switch to the **ON** position to engage the AL10 nightlight. When the switch is turned to the **ON** position, the oval ring around the **LAMP CONTROL** button lights up. The **NIGHTLIGHT** is turned off by sliding the switch to **OFF.**

F. Dimmer

Press the **DIMMER** button on top of the console to adjust the clock display brightness level.

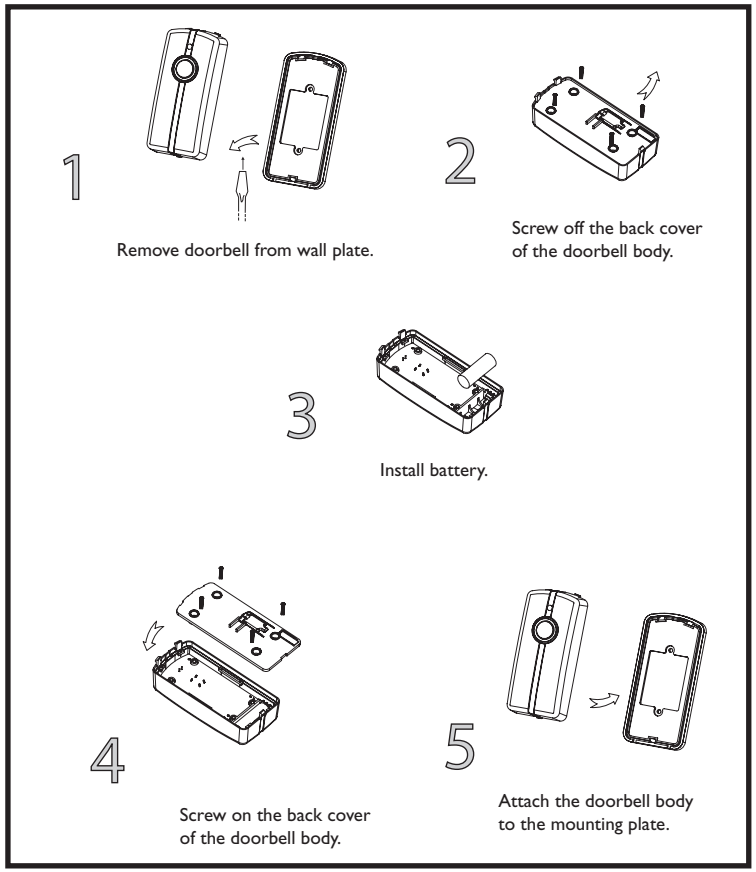
G. Battery

The AlertMaster AL10 operates on 10 "AA" size rechargeable NiMH batteries (not included) during a power outage.

DO NOT USE REGULAR ALKALINE BATTERIES!

Power is provided for the console and the pillow shaker, but not for the connected lamp.

The doorbell transmitter operates on one "23A" size battery (included). It normally lasts 8-16 months and can be tested by watching the red power indicator illuminate when the doorbell button is pressed. If the power indicator is faint or off, replace the battery.



Do not burn or puncture the batteries. Like other batteries of this type, if they are burned or punctured, they could release toxic material which could cause injury. Do not dispose of batteries in household garbage. For information about recycling or proper disposal, consult your local solid waste (garbage) collection or disposal organization.

Channel Settings

The AlertMaster System uses special radio signals to communicate between the console unit and all its accessories. For the accessories (Door Announcer, Baby Sound Monitor, Audio Alarm Transmitter and Motion Sensor) to activate the base unit, they all have to be on the same "channel." A "DIP switch" is used for channel selection.

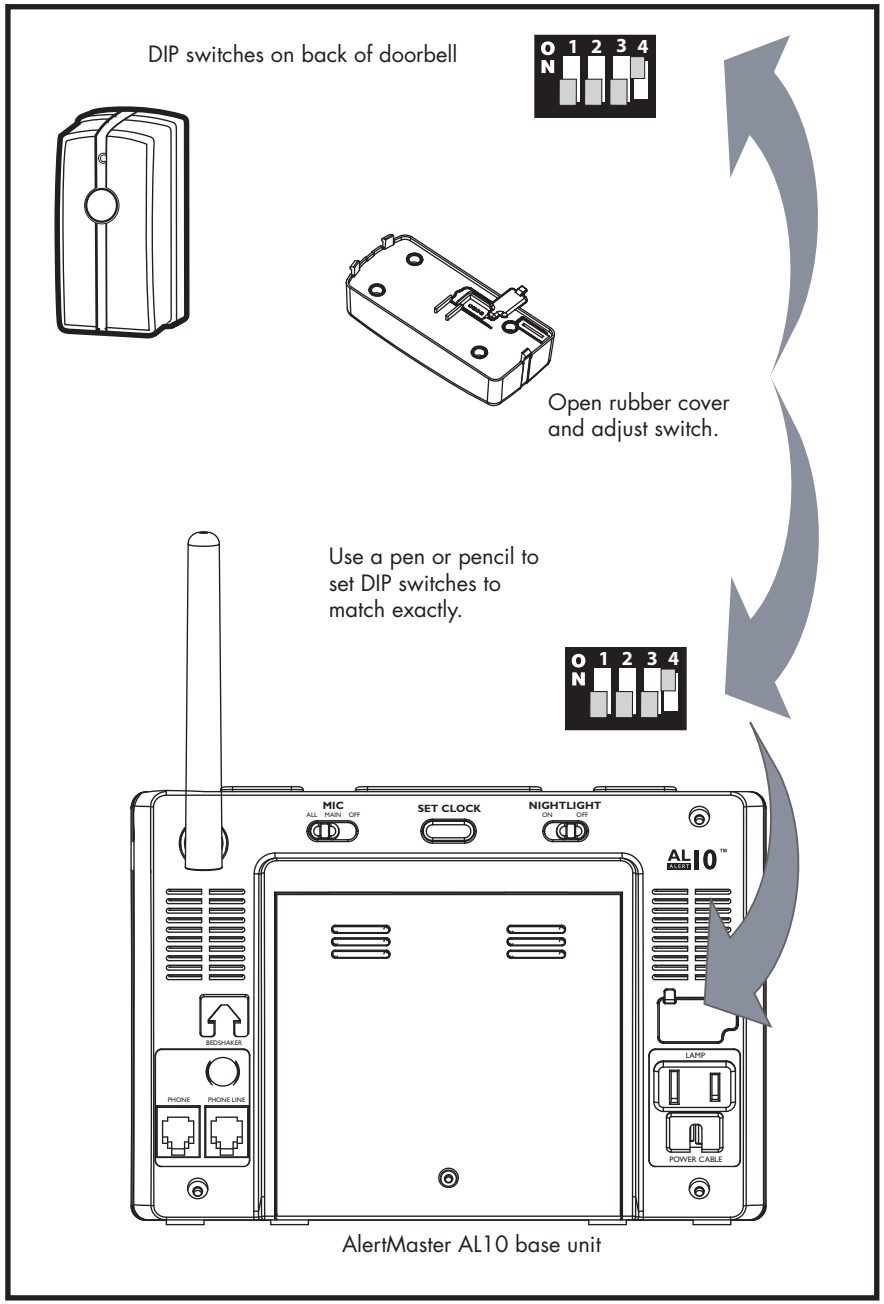
Your system and all the accessories have been preset in the factory to a standard channel setting. Under normal operating conditions, there is no adjustment necessary.

If your system encounters interference and repeatedly activates itself for no obvious reason, it may be triggered by a system nearby in your neighborhood.

If the interference from another AlertMaster Notification System or other wireless source is present, change channel switch settings on all components.

1. Unplug AC power and locate DIP switch (a 4-position switch) on the back of the AlertMaster AL10. Lift rubber cover to access the switch.
2. Open the battery compartment of the doorbell.
3. Change the switch position of each switch on both units using a ball point pen. All settings need to be identical for the system to work.
4. Change the switch settings on each of your other accessories (Remote Receiver, Audio Alarm Transmitter, Baby Sound Monitor, etc.) to match the new channel setting.
5. Replace all covers and return accessories to their proper places. Press **RESET** / **PAGE** button once to reset the unit.

Channel Settings



AlertMaster AL10 base unit

Troubleshooting

If any problem should occur during operation of your AlertMaster Notification System, review the "Symptom and Remedy" list below. Make sure no part of the AlertMaster system is on or near metal surfaces or electronic equipment. Should the difficulty persist, contact Clarity or your authorized dealer for assistance.

Symptom	Cause and Remedy
Lamp control button doesn't work	Lamp is not turned on prior to plugging it into AlertMaster. Turn the lamp's switch on. Replace bulb if necessary.
Phone rings, lamp does not flash	Check all phone line connections. Make sure you can turn the lamp on or off with the lamp control button.
Alarm clock doesn't work	Alarm clock is not turned on. Press **ALARM ON** / **OFF** button on front of device to turn on the alarm clock.
Bed shaker doesn't vibrate	Bed shaker is unplugged. Plug it in. Coil the wire once around the plastic loop to prevent accidental unplugging.
Room noise doesn't activate	Switch is **OFF**. Slide it to the **ALL** position. Sound must be continuous for 12 seconds for room noise to activate.
Lamp flashes constantly	There is constant noise in the room and the sound function is on. Slide the switch to **OFF**.
Doorbell doesn't work	Dead battery. Depress doorbell button; the red light on housing should light up. If not, battery needs to be replaced. If the battery is fully charged, the DIP switches may be incorrectly set. See the section on **Channel Setting.**

Optional Accessories

The AlertMaster AL10 is designed to work with optional wireless remote receivers and transmitters, each sold separately.

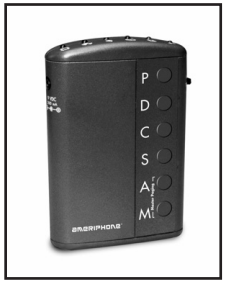
A. Remote Receiver (AL12™)

Plug the receiver into an AC outlet, and plug in a lamp and you'll be notified wherever the receiver is placed - kitchen, living room, garage, bathroom, etc. It operates up to 80 feet from the AlertMaster AL10 base console.

B. Personal Signaler (AMPX™)

Wear this lightweight receiver on your belt anywhere around your house and you'll be alerted to any activity in your home. It has an 80-foot range and a miniature console of indicator lights, and also alerts with different vibrating motions for each function.

C. Personal Tactile Signaler (AMPXB™)



Similar to AMPX plus a touch switch for people who are deaf and blind.

Optional Accessories

D. Audio Alarm Transmitter (AMAX™)

Place this next to any audio alarm for notification when the alarm is activated. It activates the Alarm function of the AlertMaster system and has a range of up to 80 feet.

E. Baby Sound Monitor (AMBX™)

Place this monitor near your infant, and it will transmit a signal to the AlertMaster system when your baby cries.

F. Door Announcer (AMDX™)

Place the Door Announcer next to your existing doorbell, door chime, or intercom announcer. It will transmit a signal activating the Door function of the AlertMaster system from up to 80 feet away. This option is ideal for apartments, condos or suites with a common security door or gate.

G. Motion Sensor (AMSX™)

Notifies user of unusual motion, such as the presence of an intruder.

Regulatory Compliance

Important Information for Customers

PART 68 OF FCC RULES INFORMATION

This **AL10 Notification System** complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US: AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug, RJ11 USOC, is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this telephone equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

Regulatory Compliance

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this telephone equipment, for repair or warranty information, please contact Clarity, 800-426-3738. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

This telephone equipment is not intended to be repaired and it contains no repairable parts. Opening the equipment or any attempt to perform repairs will void the warranty. For service or repairs, call 800-426-3738.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this telephone equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This telephone equipment is hearing aid compatible.

Customer-Owned Coin/Credit Card Phones

To comply with state tariffs, the telephone company must be given notification prior to connection. In some states, the state public utility commission, public service commission or corporation commission must give prior approval of connection.

Regulatory Compliance

PART 15 OF FCC RULES INFORMATION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Your **AL10 Notification System** has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one of the following measures:

1. Where it can be done safely, reorient the receiving television or radio antenna.
2. To the extent possible, relocate the television, radio or other receiver with respect to the telephone equipment. (This increases the separation between the telephone equipment and the receiver.)
3. Connect the telephone equipment into an outlet on a circuit difference from that to which the television, radio, or other receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Regulatory Compliance

INDUSTRY CANADA TECHNICAL SPECIFICATIONS
This product meets the applicable Industry Canada technical specifications.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.
WARNING: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.
The Ringer Equivalence Number is an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

[The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.]

Warranty

This warranty applies only to CLARITY products that are purchased and used in the United States or Canada.

CLARITY warrants the ALERTMASTER AL10 against any defect in materials or workmanship for the period of one year from the date of purchase.

If your CLARITY product is defective and returned within 30 days of the date of purchase, your authorized Clarity dealer will replace it at no charge.

If returned after 30 days but within one year from the date of purchase, we will repair or replace it at no charge. In the repair of your AlertMaster AL10, we may use new or reconditioned replacement parts. If we elect to replace your AL10, we may replace it with a new or reconditioned product of the same or similar design. Repair or replacement will be warranted for either 90 days or the remaining time on the original warranty period, whichever is longer.

Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the product is fit for ordinary use), are limited to one year from date of purchase. We will not pay for loss of time, inconvenience, loss of use of your AlertMaster AL10, or property damage caused by your AlertMaster AL10 or its failure to work, or any other incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

To get warranty service for your AlertMaster AL10, you must provide proof of the purchase date. Within 30 days of the date of purchase, return your AlertMaster AL10 to the place where you purchased it for immediate replacement. After 30 days, call CLARITY at 800-426-3738 or 800-772-2889 TTY / TDD for the authorized service center nearest you. You must prepay all shipping costs. We suggest you save the original packaging materials in the event you need to ship the AlertMaster AL10. When shipping for warranty repair, include your name, address, phone number, proof of date of purchase, and a description of the problem. After repairing the product, we will ship it back to you at no cost within the United States.

This warranty does not cover defects resulting from accidents, damage while in transit to our service location, alterations, unauthorized repair, failure to follow instructions, misuse, use outside the United States, Canada, or United Kingdom, fire, flood, and acts of God. Nor do we warrant the product to be compatible with any particular telephone equipment, party line, key telephone systems or more sophisticated switching systems. If your AlertMaster AL10 is not covered by this warranty, call us at 800-426-3738, 800-772-2889 TTY / TDD for advice as to whether we will repair your AlertMaster AL10 and other repair information. The repaired parts shall be warranted for 90 days.